

**IN THE CLAIMS:**

Claim 1 (canceled).

Claim 2 (currently amended):      A therapeutic composition containing substitution derivatives of N<sup>6</sup>-benzyladenosine, selected from the group comprising, 6-(3-fluorobenzylamino)purine riboside, 6-(4-fluorobenzylamino)purine riboside, 6-(3-bromobenzylamino)purine riboside, 6-(4-bromobenzylamino)purine riboside, 6-(2-iodobenzylamino)purine riboside, 6-(3-iodobenzylamino)purine riboside, 6-(4-iodobenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(3-acetylbenzylamino)purine riboside, 6-(4-acetylbenzylamino)purine riboside, 6-(3-carboxybenzylamino)purine riboside, 6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 6-(3-acetoxybenzylamino)purine riboside, 6-(4-acetoxybenzylamino)purine riboside, 6-(2-nitrobenzylamino)purine riboside, 6-(3-nitrobenzylamino)purine riboside, 6-(4-nitrobenzylamino)purine riboside, 6-(2-sulphobenzylamino)purine riboside, 6-(3-sulphobenzylamino)purine riboside, 6-(4-sulphobenzylamino)purine riboside, 6-(2-cyanobenzylamino)purine riboside, 6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 6-(5-nitro-2-methylbenzylamino)purine riboside, 6-(4-methylaminobenzylamino)purine riboside, 6-(2-methoxybenzylamino)purine riboside, 6-(3-hydroxybenzylamino)purine riboside, 6-(4-hydroxybenzylamino)purine riboside, 6-(4-hexylbenzylamino)purine riboside, 6-(4-hexyloxybenzylamino)purine riboside, 6-(2-formylbenzylamino)purine riboside, 6-(3-formylbenzylamino)purine riboside, 6-(4-formylbenzylamino)purine riboside, 6-(2-

ethoxybenzylamino)purine riboside, 6-(3-ethoxybenzylamino)purine riboside, 6-(4-ethoxybenzylamino)purine riboside, 6-(4-ethylbenzylamino)purine riboside, 6-(4-pentylbenzylamino)purine riboside, 6-(4-pentyloxybenzylamino)purine riboside, 6-(4-phenoxybenzylamino)purine riboside, 6-(4-phenylbenzylamino)purine riboside, 6-(4-propylbenzylamino)purine riboside, 6-(4-propyloxybenzylamino)purine riboside, 6-(4-octylbenzylamino)purine riboside, 6-(4-octyloxybenzylamino)purine riboside, 6-(4-ethyloxybenzylamino)purine riboside, 6-(3,4-diacetoxybenzylamino)purine riboside, 6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-diaminobenzylamino)purine riboside, 6-(3,5-dibromobenzylamino)purine riboside, 6-(3,5-dibromo-4-methoxybenzylamino)purine riboside, 6-(2,3-dichlorobenzylamino)purine riboside, 6-(2,4-dichlorobenzylamino)purine riboside, 6-(2,5-dichlorobenzylamino)purine riboside, 6-(2,6-dichlorobenzylamino)purine riboside, 6-(3,4-dichlorobenzylamino)purine riboside, 6-(3,5-dichlorobenzylamino)purine riboside, 6-(2,3,4,5-tetrafluorobenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 6-(5-chloro-2-fluorobenzylamino)purine riboside, 6-(2,3,4-trifluorobenzylamino)purine riboside, 6-(2,3,5-trifluorobenzylamino)purine riboside, 6-(2,4,5-trifluorobenzylamino)purine riboside, 6-(3,4,5-trifluorobenzylamino)purine riboside, 6-(2,3,6-trifluorobenzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(2-chloro-6-fluorobenzylamino)purine riboside, 6-(2,6-difluorobenzylamino)purine riboside, 6-(2,4-difluorobenzylamino)purine riboside, 6-(3,4-difluorobenzylamino)purine riboside, 6-(2,5-difluorobenzylamino)purine riboside, 6-(3,5-difluorobenzylamino)purine riboside, 6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(difluoromethoxy)benzylamino)purine

riboside, 6-(3-(difluoromethoxy)benzylamino)purine riboside, 6-(4-(difluoromethoxy)benzylamino)purine riboside, 6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 6-(2-(trifluoromethylthio)benzylamino)purine riboside, 6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 6-(6-chloro-2-fluoro-3-methylbenzylamino)purine riboside, 6-(3-chloro-2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(2,3-difluoro-4-methylbenzylamino)purine riboside, 6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 6-(3-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-4-methylbenzylamino)purine riboside, 6-(4-fluoro-3-methylbenzylamino)purine riboside, 6-(5-fluoro-2-methylbenzylamino)purine riboside, 6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 6-(4-(trifluoromethylthio)benzylamino)purine riboside, 6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine riboside, 6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 6-(3-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethoxy)benzylamino)purine riboside, 6-(4-(trifluoromethyl)benzylamino)purine

riboside, 6-(4-diethylaminobenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(3,5-dihydroxybenzylamino)purine riboside, 6-(3,4-dihydroxybenzylamino)purine riboside, 6-(2,3-ethylenedioxybenzylamino)purine riboside, 6-(2,4-dihydroxybenzylamino)purine, 6-(2,5-dihydroxybenzylamino)purine riboside, 6-(2,6-dihydroxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine riboside, 6-(3,4-dimethoxybenzylamino)purine riboside, 6-(3,5-dimethoxybenzylamino)purine riboside, 6-(2,3-dimethoxybenzylamino)purine riboside, 6-(2,4-dimethoxybenzylamino)purine riboside, 6-(2,5-dimethoxybenzylamino)purine riboside, 6-(2,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 6-(4-hydroxy-2-methoxybenzylamino)purine riboside, 6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,5-

dimethoxybenzylamino)purine riboside, 6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-2-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 6-(3,4-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-2-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 6-(2,3,4-trimethoxybenzylamino)purine riboside, 6-(2,4,5-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 6-(2,4,6-trimethoxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2,3,4-trihydroxybenzylamino)purine

riboside, 6-(3,4,5-trihydroxybenzylamino)purine riboside, 6-(2,4,6-trihydroxybenzylamino)purine riboside, 6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 6-(2-hydroxy-3-iodobenzylamino)purine riboside, 6-(2-hydroxy-4-iodobenzylamino)purine riboside, 6-(2-hydroxy-5-iodobenzylamino)purine riboside, 6-(2-hydroxy-6-iodobenzylamino)purine riboside, 6-(2-hydroxy-3-bromobenzylamino)purine riboside, 6-(2-hydroxy-4-bromobenzylamino)purine riboside, 6-(2-hydroxy-5-bromobenzylamino)purine riboside, 6-(2-hydroxy-6-bromobenzylamino)purine riboside, 6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 6-(2-hydroxy-3-methylbenzylamino)purine riboside, 6-(2-hydroxy-4-methylbenzylamino)purine riboside, 6-(2-hydroxy-5-methylbenzylamino)purine riboside, 6-(2-hydroxy-6-methylbenzylamino)purine riboside, 6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside, 6-(2,5-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-bromobenzylamino)purine riboside, 6-(2,6-dihydroxy-4-iodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-chlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-bromobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-iodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3-fluorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-dichlorobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-dibromobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-diiodobenzylamino)purine riboside, 6-(2,6-dihydroxy-3,5-difluorobenzylamino)purine

riboside, 6-(4,5-dimethoxy-2-nitrobenzylamino)purine riboside, 6-(3,4-dimethylbenzylamino)purine riboside, 6-(2,3-dimethylbenzylamino)purine riboside, 6-(2,4-dimethylbenzylamino)purine riboside, 6-(2,6-dimethylbenzylamino)purine riboside, 6-(2,6-dimethyl-4-hydroxybenzylamino)purine riboside, 6-(3,5-dimethyl-4-hydroxybenzylamino)purine riboside, 6-(2-fluoro-4-hydroxybenzylamino)purine riboside, 6-(3-fluoro-4-methylbenzylamino)purine riboside, 6-(3,4-dinitrobenzylamino)purine riboside, 6-(3,5-dinitrobenzylamino)purine riboside, 6-(2-methyl-5-nitrobenzylamino)purine riboside, 6-(3-methyl-4-nitrobenzylamino)purine riboside, 6-(3,4-diiodo-4-hydroxybenzylamino)purine riboside, 6-(2-chloro-3,4-dimethoxybenzylamino)purine riboside, 6-(4-chloro-3,5-dinitrobenzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(3-chloro-4-fluorobenzylamino)purine riboside, 6-(2-chloro-6-methylbenzylamino)purine riboside, 6-(3-chloro-2-methylbenzylamino)purine riboside, 6-(3-chloro-4-methylbenzylamino)purine riboside, 6-(5-chloro-2-methoxybenzylamino)purine riboside, 6-(2-chloro-4-fluorobenzylamino)purine riboside, 6-(4-chloromethylbenzylamino)purine riboside, 6-(2-chloro-5-nitrobenzylamino)purine riboside, 6-(2-chloro-6-nitrobenzylamino)purine riboside, 6-(4-chloro-3-nitrobenzylamino)purine riboside, 6-(5-chloro-2-nitrobenzylamino)purine riboside, 6-(3-bromo-4-hydroxybenzylamino)purine riboside, 6-(3,5-dibromo-4-hydroxybenzylamino)purine, 6-(3-bromo-4-methoxybenzylamino)purine, 6-(4-bromomethylbenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-butoxybenzylamino)purine riboside, 6-(4-*t*-butyl/benzylamino)purine riboside, 6-(4-*t*-butyl-2,6-dimethylbenzylamino)purine riboside, 6-(2-aminobenzylamino)purine riboside, 6-(3-aminobenzylamino)purine riboside, 6-(4-aminobenzylamino)purine riboside, 6-(2-amino-3-chlorobenzylamino)purine riboside, 6-(2-

amino-4-chlorobenzylamino)purine riboside, 6-(2-amino-5-chlorobenzylamino)purine  
 riboside, 6-(2-amino-6-chlorobenzylamino)purine riboside, 6-(3-amino-2-  
 chlorobenzylamino)purine riboside, 6-(3-amino-4-chlorobenzylamino)purine riboside, 6-(3-  
 amino-5-chlorobenzylamino)purine riboside, 6-(3-amino-6-chlorobenzylamino)purine  
 riboside, 6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 6-(2,6-diamino-4-  
 chlorobenzylamino)purine riboside, 6-(4-amino-3-chlorobenzylamino)purine riboside, 6-(4-  
 amino-5-dichlorobenzylamino)purine riboside, 6-(5-amino-2-methylbenzylamino)purine  
 riboside, 6-(2-amino-3-nitrobenzylamino)purine riboside, 6-(4-amino-3-  
 nitrobenzylamino)purine riboside, 6-(4-benzyloxybenzylamino)purine riboside, 6-(3-  
 acetylbenzylamino)purine riboside, 6-(2-acetylbenzylamino)purine riboside, 6-(2,4,5-  
 trichlorobenzylamino)purine riboside, 6-(2,4,5-trichlorobenzylamino)purine riboside, 6-  
 (2,4,6-trichlorobenzylamino)purine riboside, 6-(2,3,4-trichlorobenzylamino)purine riboside,  
 6-(2,3,5-trichlorobenzylamino)purine riboside, 6-(2,3,6-trichlorobenzylamino)purine  
 riboside, 6-(2,5,6-trichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~;  
~~bromo~~; methyl or methylmercapto)-6-(2-fluorobenzylamino)purine riboside, 2-(amino,  
~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-fluorobenzylamino)purine  
 riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-  
 fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or  
 methylmercapto)-6-(2-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro~~;  
~~bromo~~; methyl or methylmercapto)-6-(3-bromobenzylamino)purine riboside, 2-(amino,  
~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-bromobenzylamino)purine  
 riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-  
 iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or



methylmercapto)-6-(3-iodobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-iodobenzylamino)purine riboside, 2-(hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(2-chlorobenzylamino)purine riboside, 2-(2-hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-chlorobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-acetylbenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-carboxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-carboxybenzylamino)purine riboside, 6-(2-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-acetoxybenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(2-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-nitrobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(2-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(3-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(4-sulphobenzylamino)purine riboside, 2-(amino, hydroxy, chloro, fluoro, bromo; methyl or methylmercapto)-6-(2-cyanobenzylamino)purine riboside, 2-

(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-cyanobenzylamino)purine riboside, 6-(4-cyanobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(5-nitro-2-methylbenzylamino)purine riboside, 2-(~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-methylbenzylamino)purine riboside, 2-(~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-methylaminobenzylamino)purine riboside, 2-(~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-methoxybenzylamino)purine riboside, 2-(~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-hexylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-hexyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-formylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-formylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-formylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-ethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-ethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro~~;

~~fluoro, bromo~~; methyl or methylmercapto)-6-(4-ethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-ethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-pentylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-penthyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-phenoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-phenylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-propylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-propyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-oktylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-oktyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-ethyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-diacetoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-diacetoxybenzylamino)purine riboside, 6-(2,5-diaminobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-dibromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-dibromo-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro~~;

~~fluoro, bromo~~; methyl or methylmercapto)-6-(2,5-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3,4,5-tetrafluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(5-chloro-2-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3,4-trifluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3,5-trifluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4,5-trifluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4,5-trifluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3,6-trifluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-chloro-6-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro~~;

fluoro, bromo, methyl or methylmercapto)-6-(2,5-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(3,5-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(5-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(4-fluoro-2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-chloro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(3-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(4-(difluoromethoxy)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(3-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-fluoro-4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(2-chloro-6-fluoro-3-methylbenzylamino)purine purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(6-chloro-2-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~, methyl or methylmercapto)-6-(3-chloro-2-fluoro-5-

(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-chloro-2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-difluoro-4-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-difluoro-3-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-fluoro-6-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-chloro-2,6-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-fluoro-4-methyl benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-fluoro-3-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(5-fluoro-2-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-chloro-3,6-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-(trifluoromethylthio)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-fluoro-5-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-(trifluoromethoxy)benzylamino)purine riboside, 6-(3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-(trifluoromethyl)benzylamino)purine riboside, 2-(amino,

~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-chloro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-fluoro-3-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,5-bis(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-(trifluoromethoxy)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-(trifluoromethyl)benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-diethylaminobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,4-dihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,5-dihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,4-dihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2,3-ethylenedioxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2,4-dihydroxybenzylamino)purine, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2,5-dihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2,6-dihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro,~~

~~fluoro, bromo;~~ methyl or methylmercapto)-6-(3,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2,3-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy,~~



~~chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(2-hydroxy-5,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-4,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-4,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-2,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(3-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-2,3-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl or methylmercapto)-6-(4-hydroxy-2,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo;~~ methyl

or methylmercapto)-6-(4-hydroxy-2,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-hydroxy-3,5-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4-hydroxy-3,6-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,5-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-dihydroxy-2-

methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,4-dihydroxy-5-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,4-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,5-dihydroxy-2-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,5-dihydroxy-4-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,5-dihydroxy-6-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,3,4-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3,4,5-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4,5,6-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,6-trimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,3,4-trihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,3,4-

trihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4,5-trihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4,6-trihydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-6-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-5-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-6-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-5-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-6-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy,~~

~~chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-5-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-6-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-3-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-4-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-5-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-hydroxy-6-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dihydroxy-5-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,5-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-4-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-4-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3-bromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3-iodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy,~~

~~chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-dibromobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-diiodobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dihydroxy-3,5-difluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(4,5-dimethoxy-2-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-dimethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,3-dimethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,4-dimethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dimethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2,6-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-dimethyl-4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-fluoro-4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3-fluoro-4-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,4-dinitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(3,5-dinitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or methylmercapto)-6-(2-methyl-5-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo~~; methyl or

methylmercapto)-6-(3-methyl-4-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3,4-diiodo-4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-3,4-dimethoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-chloro-3,5-dinitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-6-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3-chloro-2-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3-chloro-4-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(5-chloro-2-methoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-4-fluorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-chloromethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-5-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-chloro-6-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-chloro-3-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(5-chloro-2-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3-bromo-4-hydroxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~,

~~chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3,5-dibromo-4-hydroxybenzylamino)purine, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-bromo-4-methoxybenzylamino)purine, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-bromomethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-butoxybenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-*t*-butyl/benzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-*t*-butyl-2,6-dimethylbenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2-aminobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-aminobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(4-aminobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2-amino-3-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2-amino-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2-amino-5-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(2-amino-6-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-amino-2-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-amino-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or methylmercapto)-6-(3-amino-5-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy, chloro, fluoro, bromo,~~ methyl or



methylmercapto)-6-(3-amino-6-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,6-diamino-3-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,6-diamino-4-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-amino-3-chlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-amino-5-dichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(5-amino-2-methylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-amino-3-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-amino-3-nitrobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(4-benzyloxybenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(3-acetylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2-acetylbenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,5-trichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,4,6-trichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,3,4-trichlorobenzylamino)purine riboside, 6-(2,3,5-trichlorobenzylamino)purine riboside, 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,3,6-trichlorobenzylamino)purine riboside, or 2-(amino, ~~hydroxy~~, ~~chloro~~, ~~fluoro~~, ~~bromo~~; methyl or methylmercapto)-6-(2,5,6-trichlorobenzylamino)purine

riboside and their pharmaceutically acceptable salts with alkali metals, ammonium or amines, in the form of racemates or optically active isomers, as well as their addition salts with acids.

Claims 3-14 (canceled).

Claim 15 (previously presented): A pharmaceutical composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine according to claim 2, or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 16 (previously presented): A cosmetic composition, containing a substitution derivative of N<sup>6</sup>-benzyladenosine according to claim 2, or its pharmaceutically acceptable salt, including a pharmaceutical carrier.

Claim 17 (previously presented): A pharmaceutical composition containing a compound according to claim 2, including a pharmaceutical carrier, suitable as mitotic or antimitotic compound.

Claims 18-21 (canceled).